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U.S. Bureau of Foreign and Domestic Commerce

Glossary of electrical terms...Rev. Jan. 1, 1926

Washington

1925

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DEPARTMENT OF COMMERCE
BUREAU OF FOREIGN AND DOMESTIC COMMERCE
JULIUS KLEIN, Director

Bd

GLOSSARY OF ELECTRICAL TERMS AND INSTRUCTIONS TO EXPORTERS

FOR

GUIDANCE IN PROPERLY LISTING AND CLASSIFYING ELECTRICAL APPARATUS AND SUPPLIES IN SHIPPERS' EXPORT DECLARATIONS

308
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Bx 198

COMPILED BY
ELECTRICAL EQUIPMENT DIVISION, BUREAU OF FOREIGN AND DOMESTIC COMMERCE, IN CONFERENCE WITH ELECTRICAL MANUFACTURERS' COUNCIL

REVISED JANUARY 1, 1926

WASHINGTON
GOVERNMENT PRINTING OFFICE
1925

FOREWORD

On October 14, 1921, Secretary of Commerce Herbert Hoover issued a letter of instructions to the collectors of customs and others concerned, which contained, in part, the following:

"The kinds, quantities, and values of articles of domestic production exported to foreign countries shall be compiled from the export declaration furnished by the shipper to the collector of customs at the port of exportation, prepared on the official form—Customs Catalogue No. 7525—in accordance with the instructions of T. D. 38410. (Arts. 1023, 1026, 1030, and 1049, Customs Regulations.)

"Collectors of customs will require that the details regarding kinds and quantities of exported articles called for by this schedule be shown in the Shipper's Export Declaration. If on examination any declarations are found to be inaccurate or incomplete, either in the description of articles, or in omitting to state proper quantities and values, or insertion of the intermediate country instead of the country of final destination, or containing any error apparent on the face of the declaration, the correction thereof will be required before the declaration is accepted. (Art. 1029, Customs Regulations.)

"*Value of exports.*—The values stated should be the actual selling price, if the goods are sold. If shipped on consignment without a sale having been made, the market value at the time of exportation in the ports of the United States from which exported should be stated.

"Freight and other charges from the port of departure in the United States to the place of destination in the foreign country or noncontiguous territory to which shipped must not be included in the value. (Art. 1022, Customs Regulations.)

"Value should be stated in whole dollars only, ignoring fractions of less than 50 cents and counting 50 cents and upward as $1. (Art. 1013, Customs Regulations.)

"*Description of articles.*—The merchandise must be described in specific and not in general terms. Such designations as 'fruits,' 'provisions,' 'groceries,' 'canned goods,' 'hardware,' 'machinery,' or any other general term must not be used, but the articles should be described in sufficient detail to permit of their classification under the proper classes of this schedule. On the other hand, the description in the declaration should not be in the detail of the invoice enumerating the various kinds and grades of similar articles, which would necessitate a laborious condensation into the official classification, but should be a recapitulation of the articles contained in the shipment, with total quantity and value of each kind of article.

"The kinds of packages, boxes, barrels, bales, etc., must be specified, with quantities in the unit stated in this schedule, in net weight where required, exclusive of the weight of barrels, boxes, or other

bulky coverings, and of salt or pickle in the case of salted or pickled fish and meats.

"In stating quantities, fractions of less than one-half will be ignored and fractions of one-half or over stated as whole numbers. (Art. 1013, Customs Regulations.)

"*Country of destination of exports.*—If the country of ultimate destination of the commodities is different from that for which the vessel or car clears or departs, collectors will require exporters and shippers or their agents to state in the shippers' declarations as the country of ultimate destination the country to which the commodities are sold or destined for a market.

"Special care should be taken to state the final destination of goods shipped through Canada to Europe and of goods to be transshipped in the United Kingdom, the Netherlands, Germany, and France to other countries."

To assist shippers of electrical merchandise in the preparation of their Shipper's Export Declarations, the Electrical Equipment Division of the Bureau of Foreign and Domestic Commerce has prepared the ensuing glossary of electrical terms, showing in what class of the schedule of exports the various articles should properly appear. The new classifications for electrical merchandise are listed in the bulletin entitled "Statistical Classification of Domestic Commodities Exported from the United States," effective January 1, 1926.

In addition, the glossary contains a second set of listings by classes, showing the various numbered classifications and exactly what material is contained in each.

The primary object of this work is to assist the American electrical industry in correctly indicating electrical materials on the custom-house declaration forms that the export statistics compiled by the Department of Commerce from these declarations will reflect the true extent and kind of goods exported. The use already made of this glossary has had a marked effect in reducing the miscellaneous export classification "Electrical goods, n. e. s. (not elsewhere specified)," and if shippers will continue to follow carefully the terms and instructions shown herein the accuracy of the figures showing the exports of their particular product will be insured.

INSTRUCTIONS TO EXPORTERS

In all cases when making out a Shipper's Export Declaration the shippers should use this glossary and *determine the proper class* under which each item of merchandise listed falls and *enter the numbers in the column headed "Class No."* This is of vital importance and will insure that our exports will be classified exactly as desired by manufacturers and in a uniform manner.

When complete machines or equipment units are so large that they are sent out in more than one shipment, the Shipper's Export Declaration for all shipments *except the last* should show only the value of the portion of the machinery or units actually exported at the time, and the quantity column should be left blank. A statement as follows should be made on each of these declarations, after the description of the shipment:

"This declaration covers assembly parts for complete apparatus for which declaration(s) was (were) made on (dates). Unit numbers will be recorded on the final declaration."

Unit numbers will be recorded on the *final* declaration and on it only. On the final declaration the number of machines or units must be put in the quantity column, and a statement as follows should be made after the description of the shipment:

"This declaration covers assembly parts for complete apparatus for which declaration(s) was (were) made on (dates). This is the declaration for the *final* shipment."

Examples of Shipper's Export Declarations are shown on the following three pages.

For the Department of Commerce:

R. A. LUNDQUIST,
Chief, Electrical Equipment Division.

Committee of Electrical Manufacturers' Council, organized to confer with the Department of Commerce on export and import statistics:

JOS. MCELROY, 3d, *Chairman.*
H. S. REIZENSTEIN,
H. C. MAHER.

WASHINGTON, *January 1, 1926.*

U. S. TREASURY DEPARTMENT
Customs Form 7525
T. D. 38410 C. D., June 25-38

No. _____

This space for use of Customs

UNITED STATES CUSTOMS SERVICE

☞ Read carefully the instructions on back to avoid delay at shipping point

SHIPPER'S EXPORT DECLARATION

OF SHIPMENTS TO FOREIGN COUNTRIES OR NONCONTIGUOUS TERRITORIES OF THE U. S.

☞ Clearance will not be granted until shipper's declaration has been filed with the Collector of Customs.
(Declarations should be typewritten or prepared in ink; pencil is not permissible.)

This space for use of Customs

No. _____

(Code No. Dist.) (Port.)

Goods shipped by Westinghouse Elec. & Manufacturing Company (Name of actual shipper.)

Address East Pittsburgh (Number.) (Street.) Penna (City.) (State.) For account of Shipper

Address (Number.) (Street.) (City.) (State.) From East Pittsburgh (Place of original shipment.)

Via P.R.R. (Carrier from interior point, if any.) For Shipment on the American Legion (U.S.) (Name of carrier. If vessel, give name, motive power, and flag if known.)

From New York (U. S. Customs port of exportation if known.) To ultimate foreign destination of goods Buenos Aires, Argentine (City.) (Country.)

Marks and numbers.	Number and kind of packages, e.g., 17 crates, 40 boxes, 40 cases, 75 bags, 90 barrels, etc.	COMMODITY. Describe the articles fully, as canned pork, printed cotton cloth, printing presses, apples, etc. General terms such as meats, dry goods, machinery, fruits, etc., will not be accepted. (See instructions on back, par. 5.)	Class No., Schedule B.	Quantity in standard export units, as pounds, tons (of 2,240 pounds), gallons, yards, bushels, barrels, etc.	Value at time and place of shipment. U. S. Products. Including foreign goods altered or manufactured in the United States.	Value at time and place of shipment. Foreign Products in same condition as imported.
					Whole dollars (no cents).	
W.E.I.Co.	10 boxes	Alternating Current				
3167-3176		Motors 10 HP	7041	10	$2230	
BARIES						
W.E.I.Co.	5 crates	Distributing Transformers				
3177-3181		10 Kva	7024	10	2500	
BARIES						
W.E.I.Co.	2 boxes	Switchboard (2 panels)				
3182-3183			7031	2	800	
BARIES						
		Waybill or manifest No. _____ 192_		TOTAL $	$5530	

I, the undersigned, solemnly and truly declare that the above statement is a complete, just, and true account of all merchandise shipped by the party named; on board the vessel, car, or vehicle; and to the place or country named above; and that the description and quantity of each article is truly stated and that the values thereof are the actual selling prices or true market values at the time and place of shipment for exportation.

Sworn and subscribed to before me on Jan 5 192 6

J. M. Brown (Deputy Collector, notary public, etc. See par. 2 on back.)

(Signature) S. E. Marks

(Capacity) Shipper (Member of firm, secretary, agent, etc.)

(Address) EAST PITTSBURGH, PA.

16-2500

USUAL FORM OF SHIPPER'S EXPORT DECLARATION

U. S. TREASURY DEPARTMENT
Customs Form 7525
T. D. 38410 C. D., June 25-38

No. _____

This space for use of Customs

UNITED STATES CUSTOMS SERVICE

☞ Read carefully the instructions on back to avoid delay at shipping point

SHIPPER'S EXPORT DECLARATION

OF SHIPMENTS TO FOREIGN COUNTRIES OR NONCONTIGUOUS TERRITORIES OF THE U. S.

☞ Clearance will not be granted until shipper's declaration has been filed with the Collector of Customs.
(Declarations should be typewritten or prepared in ink; pencil is not permissible.)

This space for use of Customs

No. _____

(Code No. Dist.) (Port.)

Goods shipped by Westinghouse Electric & Manufacturing Company (Name of actual shipper.)

Address East Pittsburgh (Number.) (Street.) Penna (City.) (State.) For account of Shipper

Address (Number.) (Street.) (City.) (State.) From Same (Place of original shipment.)

Via P.R.R. (Carrier from interior point, if any.) For Shipment on the Empress of Russia (British) (Name of carrier. If vessel, give name, motive power, and flag if known.)

From Seattle (U. S. Customs port of exportation if known.) To ultimate foreign destination of goods Kobe, Japan (City.) (Country.)

Marks and numbers.	Number and kind of packages, e.g., 17 crates, 40 boxes, 40 cases, 75 bags, 90 barrels, etc.	COMMODITY. Describe the articles fully, as canned pork, printed cotton cloth, printing presses, apples, etc. General terms such as meats, dry goods, machinery, fruits, etc., will not be accepted. (See instructions on back, par. 5.)	Class No., Schedule B.	Quantity in standard export units, as pounds, tons (of 2,240 pounds), gallons, yards, bushels, barrels, etc.	Value at time and place of shipment. U. S. Products. Including foreign goods altered or manufactured in the United States.	Value at time and place of shipment. Foreign Products in same condition as imported.
					Whole dollars (no cents).	
TAF						
1620	5 boxes	Assembly Parts				
KOBE	6 crates	for 14000 Kva Alternating	7006		$15000	
		Current Generators				
		This declaration covers assembly parts for complete apparatus for which declaration (s) was (were) made on (dates). Unit numbers will be recorded on the final declaration.				
		Waybill or manifest No. _____ 192_		TOTAL $	$15000	

I, the undersigned, solemnly and truly declare that the above statement is a complete, just, and true account of all merchandise shipped by the party named; on board the vessel, car, or vehicle; and to the place or country named above; and that the description and quantity of each article is truly stated and that the values thereof are the actual selling prices or true market values at the time and place of shipment for exportation.

Sworn and subscribed to before me on Jan 4 192 6

J. M. Brown (Deputy Collector, notary public, etc. See par. 2 on back.)

(Signature) S. E. Marks

(Capacity) Shipper (Member of firm, secretary, agent, etc.)

(Address) EAST PITTSBURGH, PA.

16-2500

SHIPPER'S EXPORT DECLARATION GOVERNING SPECIAL CASE WHERE PARTS OF A SINGLE UNIT ARE SHIPPED AT DIFFERENT TIMES, ANY SHIPMENT EXCEPT FINAL.

U. S. TREASURY DEPARTMENT
CUSTOMS FORM 7525
T. D. 38410 C. D., June 25-26

No.

This space for use of Customs

UNITED STATES CUSTOMS SERVICE

☞ Read carefully the instructions on back to avoid delay at shipping point

SHIPPER'S EXPORT DECLARATION

OF SHIPMENTS TO FOREIGN COUNTRIES OR NONCONTIGUOUS TERRITORIES OF THE U. S.

☞ Clearance will not be granted until shipper's declaration has been filed with the Collector of Customs.
(Declarations should be typewritten or prepared in ink; pencil is not permissible.)

This space for use of Customs

No.

(Code No. Dist.) (Port.)

Goods shipped by Westinghouse Elec. & Manufacturing Company
(Name of actual shipper.)

Address East Pittsburgh (Number.) (Street.) Penna (City.) (State.) For account of Shipper

Address (Number.) (Street.) (City.) (State.) From Same (Place of original shipment.)

Via P.R.R. (Carrier from interior point, if any.) For Shipment on the Empress of India (British) (Name of carrier. If vessel, give name, motive power, and flag if known.)

From Seattle (U. S. Customs port of exportation if known.) To ultimate foreign destination of goods Kobe (City.) Japan (Country.)

Marks and numbers.	Number and kind of packages, e. g., 17 crates, 40 boxes, 75 bags, 50 barrels, etc.	COMMODITY. Describe the articles fully, as canned pork, printed cotton cloth, printing presses, apples, tin. General terms such as meats, dry goods, machinery, fruits, etc., will not be accepted. (See instructions on back, par. 5.)	Class No., Schedule B.	Quantity in standard export units, as pounds, tons (of 2,240 pounds), gallons, yards, bushels, barrels, etc.	Value at time and place of shipment. U. S. Products. Including foreign goods altered or reconstructed in the United States. Whole dollars (no cents).	Value at time and place of shipment. Foreign Products in same condition as imported.
TAK						
1630	10 boxes	Assembly parts for				
KOBE	2 crates	14000 Kva Alternating Current Generators	7006	1	$18000	
		This declaration covers assembly parts for complete apparatus for which declaration (s) was (were) made on (dates). This is the declaration for the final shipment.				

Waybill or manifest No. 102 TOTAL, $ $18000

I, the undersigned, solemnly and truly declare that the above statement is a complete, just, and true account of all merchandise shipped by the party named; on board the vessel, car, or vehicle; and to the place or country named above; and that the description and quantity of each article is truly stated and that the values thereof are the actual selling prices or true market values at the time and place of shipment for exportation.

Sworn and subscribed to before me on Jan 16 1926

J. M. Brown
(Deputy Collector, notary public, etc. See par. 3 on back.)

(Signature) S. C. Martin

(Capacity) Shipper
(Member of firm, secretary, agent, etc.)

(Address) EAST PITTSBURGH, PA

SHIPPER'S EXPORT DECLARATION GOVERNING SPECIAL CASE WHERE PARTS OF A SINGLE UNIT ARE SHIPPED AT DIFFERENT TIMES, FINAL SHIPMENT

GLOSSARY OF ELECTRICAL TERMS

ARTICLES LISTED ALPHABETICALLY

[Abbreviation n. e. s. means not elsewhere specified]

Terms appearing on declaration	Class No.	Unit of quantity	Appearing in Government statistics under—
Adjusters, cord and lamp	7098	.....	Other wiring supplies and line material.
Adjusters, socket street hood	7097	.....	Electric lighting fixtures, interior and street.
Air heaters	7072	No..	Domestic heating and cooking devices.
Alarms, burglar and fire	7089	.....	Bells, buzzers, annunciators, and alarms.
Alarms, tank	7089	.....	Do.
Alloy fuse ribbon	6991	Lb..	Other manufactures of metal and metal compositions, n. e. s.
Alloy fuse wire	6991	Lb..	Do.
Alternating-current motors under 1 horsepower.	7040	No..	Motors under 1 horsepower.
Alternating-current motors 1 to 200 horsepower.	7041	No..	Stationary motors 1 to 200 horsepower.
Alternating-current motors over 200 horsepower.	7042	No..	Stationary motors over 200 horsepower.
Alternating-current generators under 2,000 K. V. A.	7005	No..	Alternating-current generators under 2,000 K. V. A.
Alternating-current generators over 2,000 K. V. A.	7006	No..	Alternating-current generators 2,000 K. V. A. and over.
Aluminum fuse wire	6309	Lb..	Other manufactures of aluminum.
Ammeters	7038	No..	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Ampere-hour meters	7036	No..	Watt-hour and other measuring meters.
Amplifier units	7077	No..	Radio receiving sets.
Amplifying tubes	7078	No..	Radio tubes.
Analyzers, harmonic	7038	No..	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Anchor clamps	7098	.....	Other wiring supplies and line material.
Anchor eyes	7098	.....	Do.
Anchor hangers	7098	.....	Do.
Anchor rods	7098	.....	Do.
Annunciators	7089	.....	Bells, buzzers, annunciators, and alarms
Approaches for trolley frogs	7098	.....	Other wiring supplies and line material.
Arc lamp carbon	5461	Lb..	Other carbon products.
Arc lamps	7065	No..	Other electric lamps.
Arc lamps, flame carbon	7065	No..	Do.
Arc lamps, metallic flame	7065	No..	Do.
Arc welding equipment	7001	No..	Direct-current generators under 500 kilowatts.
Arc welding panels	7031	No..	Switchboard panels, except telephone.
Armature coils for generators	7009	.....	Accessories and parts for generators.
Armature coils for motors	7055	.....	Accessories and parts for motors.
Armatures for generators	7009	.....	Accessories and parts for generators.
Armatures for motors	7055	.....	Accessories and parts for motors.
Armatures, testing equipment for	7038	No..	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Arms, transmitter	7087	Lb..	Other telephone equipment.
Arresters, lightning, power	7039	No..	Lightning arresters, choke coils, and other power protective devices.
Automatic control for electric railways	7049	.....	Starting and controlling equipment, electric railways and vehicles.
Automatic current regulators for electric furnaces	7074	No..	Industrial electric furnaces and ovens.
Automatic cut-out hangers and reflectors	7097	.....	Electric lighting fixtures, interior and street.
Automatic time switches	7033	No..	Switches and circuit breakers above 10 amperes.
Automobile engine heaters	7072	No..	Domestic heating and cooking devices.
Automobile lamps	7064	No..	Electric lamps, incandescent metal filament.
Babbitt pots	7074	No..	Industrial electrical furnaces and ovens.
Bake ovens, except domestic	7074	No..	Do.
Balance coils	7024	No..	Other transformers.
Battery carbons	5461	Lb..	Other carbon products.
Batteries, dry cell, except flash light	7017	No..	Batteries, other primary.
Battery eliminators, radio	7080	.....	Radio receiving-set accessories.
Batteries, flash light	7016	No..	Batteries, flash light.
Batteries, storage	7018	No..	Storage batteries.
Batteries, storage, plates for [1]	7018	No..	Do.

[1] Shipments of storage-battery plates abroad for local assembly should show the equivalent number of cells; otherwise they will be classified under No. 7099.

Terms appearing on declaration	Class No.	Unit of quantity	Appearing in Government statistics under—
Batteries, wet cell	7017	No..	Batteries, other primary.
Battery chargers	7029	No..	Rectifiers, double-current and motor generators, dynamotors, synchronous and other converters.
Battery-charging panels	7031	No..	Switchboard panels, except telephone.
Battery-charging switchboards	7031	No..	Do.
Battery jars, glass	5292	Lb..	Electrical glassware, except for lighting.
Battery jars, rubber	2052	Lb..	Electrical hard-rubber goods.
Battery locomotives	7045	No..	Electric locomotives, mining and industrial.
Bayonet immersion water heaters	7074	No..	Industrial electric furnaces and ovens.
Bearings, generator	7009	.....	Accessories and parts for generators.
Bearings, motor	7055	.....	Accessories and parts for motors.
Bell-ringing transformers	7089	.....	Bells, buzzers, annunciators, and alarms.
Bells, electric	7089	.....	Do.
Blasting sets, electric	7090	.....	Spark plugs, magnetos, and other ignition apparatus.
Bonding sleeves	6425	Lb..	Copper wire (bare).
Bonds	6425	Lb..	Do.
Bowls, opal and etched	5261	Lb..	Globes and shades for lighting fixtures.
Braces, cross arm	7098	.....	Other wiring supplies and line material.
Brackets, bus bar	7098	.....	Do.
Brackets, telephone	7087	Lb..	Other telephone equipment.
Broadcasting apparatus	7076	.....	Radio transmitting sets and parts.
Broilers	7072	No..	Domestic heating and cooking devices.
Brushes for generators	5461	Lb..	Other carbon products.
Brushes for motors	5461	Lb..	Do.
Buffing motors	7040	No..	Motors under 1 horsepower.
Bulbs, rectifier	7029	No..	Rectifiers, double-current and motor generators, dynamotors, synchronous and other converters.
Burglar alarms	7089	.....	Bells, buzzers, annunciators, and alarms.
Bus-bar brackets	7098	.....	Other wiring supplies and line material.
Bus-bar clamps	7098	.....	Do.
Bus-bar supports	7098	.....	Do.
Bus-bar terminals	7098	.....	Do.
Bushings, entrance	5314	Lb..	If designed for use with less than 6,600 volts place in class 5314, "Electrical porcelain for less than 6,600 volts," otherwise assign to class 5315, "Electrical porcelain for 6,600 volts and over."
Do	5315	Lb..	
Bushings, floor	5314	Lb..	
Do	5315	Lb..	
Bushings, porcelain	5314	Lb..	
Do	5315	Lb..	
Bushings, roof	5314	Lb..	
Do	5315	Lb..	
Bushings, wall	5314	Lb..	
Do	5315	Lb..	
Buzzers, electric	7089	.....	Bells, buzzers, annunciators, and alarms.
Cable, aluminum	6309	Lb..	Other manufactures of aluminum.
Cable, aluminum, steel cored	6309	Lb..	Do.
Cable anchors	7098	.....	Other wiring supplies and line material.
Cable, copper, bare	6425	Lb..	Copper wire (bare).
Cable, insulated copper (all classes and types, including lead covered and armored)	6426	Lb..	Insulated copper wire and cable.
Cable, insulated iron or steel	6098	Lb..	Insulated iron and steel wire and cable.
Calls, carriage	7089	.....	Bells, buzzers, annunciators, and alarms.
Canopy switches	7096	No..	Sockets, receptacles, and lighting switches.
Car lighting panels	7031	No..	Switchboard panels, except telephone.
Car type circuit breakers	7033	No..	Switches and circuit breakers above 10 amperes.
Carbon circuit breakers	7033	No..	Do.
Carbons; arc lamp, and battery	5461	Lb..	Other carbon products.
Carriage calls	7089	.....	Bells, buzzers, annunciators, and alarms.
Cartridge type heater	7074	No..	Industrial electric furnaces and ovens.
Cases, flash light	7096	No..	Flash lights.
Catenary hangers	7098	.....	Other wiring supplies and line material.
Ceiling fans	7091	No..	Electric fans.
Ceiling suspensions	7097	.....	Electric lighting fixtures, interior and street.
Chafing dishes	7072	No..	Domestic heating and cooking devices.
Chains, fixture	7098	.....	Other wiring supplies and line material.
Changers, pole	7087	Lb..	Other telephone equipment.
Charging plugs	7098	.....	Other wiring supplies and line material.
Charging receptacles	7098	.....	Do.
Chocolate warmers	7074	No..	Industrial electric furnaces and ovens.
Choke coils	7039	No..	Lightning arresters, choke coils, and other power protective devices.
Chucks, trolley wire	7098	.....	Other wiring supplies and line material.
Cigar lighters	7072	No..	Domestic heating and cooking devices.
Circuit breaker oil	5031	Gal..	Insulating or transformer oils.
Circuit breakers	7033	No..	Switches and circuit breakers above 10 amperes.
Clamp pins	7098	.....	Other wiring supplies and line material.
Clamping bars	7098	.....	Do.
Clamps, cable	7098	.....	Do.
Clamps, ground	7098	.....	Do.
Cleats	5314	Lb..	Electrical porcelain for less than 6,600 volts.
Cloth and papers, treated	7093	Lb..	Insulating material.
Cloth and papers, untreated	7093	Lb..	Do.

Terms appearing on declaration	Class No.	Unit of quantity	Appearing in Government statistics under—
Cloth cutters	7040	No..	Motors under 1 horsepower.
Clutches, magnetic	7099	.....	Other electrical apparatus, n. e. s.
Coffee percolators	7072	No..	Domestic heating and cooking devices.
Coffee-urn heaters	7072	No..	Do.
Coil-testing equipment	7038	No..	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Coils, armature, for generators	7009	.....	Accessories and parts for generators.
Coils, armature, for motors	7055	.....	Accessories and parts for motors.
Coils, balance	7024	No..	Other transformers.
Coils, choke	7039	No..	Lightning arresters, choke coils, and other power protective devices.
Coils, field, for generators	7009	.....	Accessories and parts for generators.
Coils, field, for motors	7055	.....	Accessories and parts for motors.
Coils, induction	7087	Lb..	Other telephone equipment.
Coils, loading	7099	.....	Other electrical apparatus, n. e. s.
Coils, magnet	7033	No..	Switches and circuit breakers above 10 amperes.
Coils, repeating	7087	Lb..	Other telephone equipment.
Coils, trip	7099	.....	Other electrical apparatus, n. e. s.
Coils, tuning	7079	.....	Radio receiving-set components.
Condenser oil	5031	Gal..	Insulating or transformer oils.
Condensers:			
Barometric (steam)	7035	Lb..	Condensers, heaters, and accessories.
Ejector (steam)	7035	Lb..	Do.
Jet (steam)	7035	Lb..	Do.
Radio	7079	.....	Radio receiving-set components.
Rotary, under 2,000 K. V. A	7005	No..	Alternating-current generators under 2,000 kilovolt amperes.
Rotary, 2,000 K. V. A. and over	7006	No..	Alternating-current generators, 2,000 kilovolt amperes and over.
Static	7029	No..	Rectifiers, double-current and motor generators, dynamotors, synchronous and other converters.
Surface (steam)	7035	Lb..	Condensers, heaters, and accessories.
Synchronous, under 2,000 K. V. A	7005	No..	Alternating-current generators under 2,000 kilovolt amperes.
Synchronous, 2,000 K. V. A. and over	7006	No..	Alternating-current generators 2,000 kilovolt amperes and over.
Telephone	7087	Lb..	Other telephone equipment.
Conduit bushings	7094	Lb..	Metal conduit, outlet and switch boxes.
Conduit, interior, metal	7094	Lb..	Do.
Conduit, interior, nonmetallic	7099	.....	Other electrical apparatus, n. e. s.
Conduit, underground, fiber	7099	.....	Do.
Connector lugs	7098	.....	Other wiring supplies and line material.
Connectors	7098	.....	Do.
Constant-current regulators	7024	No..	Other transformers.
Control desks	7031	No..	Switchboard panels, except telephone.
Control panels	7031	No..	Do.
Control pedestals	7099	.....	Other electrical apparatus, n. e. s.
Control switches (switchboard)	7099	.....	Do.
Controllers, flat rate	7038	No..	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Controllers, motor	7048	.....	Starting and controlling equipment, industrial motors.
Converters, synchronous	7029	No..	Rectifiers, double-current and motor generators, dynamotors, synchronous and other converters.
Copper-clad steel wire	6425	Lb..	Copper wire (bare).
Copper terminals	7098	.....	Other wiring supplies and line material.
Copper trolley wire	6425	Lb..	Copper wire (bare).
Copper-tube connectors	7098	.....	Other wiring supplies and line material.
Cords, receiver	6426	Lb..	Insulated copper wire and cable.
Cords, switchboard	6426	Lb..	Do.
Crooks, lighting	7097	.....	Electric lighting fixtures, interior and street.
Crucible furnaces	7074	No..	Industrial electric furnaces and ovens.
Curling irons	7072	No..	Domestic heating and cooking devices.
Current limiters	7038	No..	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Current-limiting reactors	7024	No..	Other transformers.
Current regulators for arc furnaces	7074	No..	Industrial electric furnaces and ovens.
Current transformers	7038	No..	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Cut-out boxes	7094	Lb..	Metal conduit, outlet and switch boxes.
Cut-outs, interior	7034	No..	Fuses and fuse blocks.
Cut-outs, primary	7033	No..	Switches and circuit breakers above 10 amperes.
Demand meters	7038	No..	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Dental engines	7040	No..	Motors under 1 horsepower.
Desk fans	7061	No..	Electric fans.
Desk stands	7087	Lb..	Other telephone equipment.
Desks, control	7031	No..	Switchboard panels, except telephone.
Detectors, ground	7038	No..	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Detector tubes	7078	No..	Radio tubes.
Dials, radio	7079	.....	Radio receiving-set components.

Terms appearing on declaration	Class No.	Unit of quantity	Appearing in Government statistics under—
Discharge resistors	7039	No.	Lightning arresters, choke coils, and other power protective devices.
Disconnecting switches	7033	No.	Switches and circuit breakers above 10 amperes.
Dishwashers	7070	No.	Motor-driven household devices.
Disk immersion water heaters	7072	No.	Domestic heating and cooking devices.
Disk stoves	7072	No.	Do.
Distributing boxes, nonprotected	7087	Lb.	Other telephone equipment.
Distributing boxes, protected	7087	Lb.	Do.
Distribution transformers, 500 K. V. A. and smaller.	7024	No.	Other transformers.
Door openers, electric	7098	.....	Other wiring supplies and line material.
Drills, electric	7050	No.	Portable electric tools.
Drum controllers for:			
Industrial motors	7048	.....	Starting and controlling equipment, industrial motors.
Electric railways and vehicles	7049	.....	Starting and controlling equipment, electric railways and vehicles.
Drum reverse switches	7048	.....	Starting and controlling equipment, industrial motors.
Drum type switches	7048	.....	Do.
Dry type glue pots	7074	No.	Industrial electric furnaces and ovens.
Drying ovens	7074	No.	Do.
Ears, trolley	7098	.....	Other wiring supplies and line material.
Electric baggage trucks	7935	No.	Station and warehouse motor trucks.
Electric chimes	7099	.....	Other electrical apparatus, n. e. s.
Electric elevators	7245	No.	Elevators, freight and passenger.
Electric furnace electrodes	5460	Lb.	Electrodes for electric furnaces.
Electric furnaces	7074	No.	Industrial electric furnaces and ovens.
Electric hair dryers	7070	No.	Motor-driven household devices.
Electric locomotives:			
Battery	7045	No.	Electric locomotives, mining and industrial.
Industrial	7045	No.	Do.
Mine	7045	No.	Do.
Railway	7044	No.	Electric locomotives, railway.
Electric ovens	7074	No.	Industrial electric furnaces and ovens.
Electric refrigerators	9845	No.	Refrigerators.
Electric sewing machines	7040	No.	Motors under 1 horsepower.
Electric speed indicators	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Electric station trucks	7935	No.	Station and warehouse motor trucks.
Electric toys	9419	Lb.	Other toys.
Electrically driven ironing machines	7070	No.	Motor-driven household devices.
Electrodes, electric furnace	5460	Lb.	Electrodes for electric furnaces.
Electrolytic lightning arresters	7039	No.	Lightning arresters, choke coils, and other power protective devices.
Electrostatic voltmeters	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Emergency splicing sleeves	7098	.....	Other wiring supplies and line material.
Enclosed fuses	7034	No.	Fuses and fuse blocks.
Enclosed fuse blocks	7034	No.	Do.
Expulsion type fuse blocks	7034	No.	Do.
Fans	7061	No.	Electric fans.
Farm lighting outfits	7015	No.	Self-contained lighting outfits.
Fault localizers	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Feed-wire insulators	5314	Lb.	Electrical porcelain for less than 6,600 volts.
Do	5315	Lb.	Electrical porcelain for 6,600 volts and over.
Feeder clamps	7098	.....	Other wiring supplies and line material.
Feeder ears	7098	.....	Do.
Feeder panels	7031	No.	Switchboard panels, except telephone.
Feeder suspensions	7098	.....	Other wiring supplies and line material.
Feeder switches	7033	No.	Switches and circuit breakers above 10 amperes.
Feeder-tap insulators	5314	Lb.	See under Bushings.
Do	5315	Lb.	Do.
Feeder-tap supports	5314	Lb.	Do.
Do	5315	Lb.	Do.
Feeder voltage regulators	7024	No.	Other transformers.
Field coils for generators	7009	.....	Accessories and parts for generators.
Field coils for motors	7055	.....	Accessories and parts for motors.
Filaments	7099	.....	Other electrical apparatus, n. e. s.
Fittings, conduit	7094	Lb.	Metal conduit, outlet and switch boxes.
Fittings, fixture, brass	7098	.....	Other wiring supplies and line material.
Fittings, fixture, iron	7098	.....	Do.
Fixture chains	7098	.....	Do.
Fixtures, lighting	7097	.....	Electric lighting fixtures, interior and street.
Flaming arc lamps	7065	No.	Other electric lamps.
Flash-light batteries	7016	No.	Batteries, flash light.
Flash lights	7066	No.	Flash lights.
Flashers, sign	7099	.....	Other electrical apparatus, n. e. s.
Float switches	7098	.....	Other wiring supplies and line material.
	7048	.....	Starting and controlling equipment, industrial motors.

Terms appearing on declaration	Class No.	Unit of quantity	Appearing in Government statistics under—
Flood lights	7067	No.	Searchlights and projectors.
Floor boxes	7094	Lb.	Metal conduit, outlet and switch boxes.
Floor bushings	5314	Lb.	See under Bushings.
Do	5315	Lb.	Do.
Floor tubes	5314	Lb.	Do.
Do	5315	Lb.	Do.
Foot candle meters	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Foot warmers	7075	No.	Industrial electric furnaces and ovens.
Frequency changers	7029	No.	Rectifiers, double-current and motor generators, dynamotors, synchronous and other converters.
Frequency meters	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Friction tape	2084	Lb.	Rubber and friction tape.
Frogs, trolley	7098	.....	Other wiring supplies and line material.
Frying kettles	7072	No.	Domestic heating and cooking devices.
Furnaces, electric	7074	No.	Industrial electric furnaces and ovens.
Fuse blocks	7034	No.	Fuses and fuse blocks.
Fuse boxes	7094	Lb.	Metal conduit, outlet and switch boxes.
Fuse holders	7034	No.	Fuses and fuse blocks.
Fuse panels	7031	No.	Switchboard panels, except telephone.
Fuses, battery supply	7034	No.	Fuses and fuse blocks.
Fuses, cartridge	7 34	No.	Do.
Fuses, link	7034	No.	Do.
Fuses, plug	7034	No.	Do.
Fuses, telephone	7087	Lb.	Other telephone equipment.
Generator panels	7031	No.	Switchboard panels, except telephone.
Generator voltage regulators	7031	No.	Do.
Generators (steam-turbine sets)	7007	No.	Steam-turbine generator sets.
Generators, alternating current, under 2,000 K. V. A.	7005	No.	Alternating-current generators under 2,009 kilovolt amperes.
Generators, alternating current, 2,000 K. V. A. and over.	7006	No.	Alternating-current generators 2,000 kilovolt amperes and over.
Generators, direct current, under 500 kilowatts.	7001	No.	Direct-current generators under 500 kilowatts.
Generators, direct current, 500 kilowatts and over.	7002	No.	Direct-current generators 500 kilowatts and over.
Generators, battery charging	7001	No.	Direct-current generators under 500 kilowatts.
Generators, hand	7087	Lb.	Other telephone equipment.
Generators, railway coach lighting	7001	No.	Direct-current generators under 500 kilowatts.
Generators, ringing	7087	Lb.	Other telephone equipment.
Glassware, electrical	5292	Lb.	Electrical glassware, except for lighting.
Globes, ball	9261	Lb.	Globes and shades for lighting fixtures.
Glow meters	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Gluepots	7074	No.	Industrial electric furnaces and ovens.
Goosenecks	7097	.....	Electric lighting fixtures, interior and street.
Graphic meters	7038	No.	Volt, watt, and ampere meters, and other recording, indicating, and testing apparatus.
Grid leaks	7079	.....	Radio receiving-set components.
Griddles	7072	No.	Domestic heating and cooking devices.
Grills	7072	No.	Do.
Grinders, electric	7050	No.	Portable electric tools.
Grinding motors	7041	No.	Stationary motors 1 to 200 horsepower.
Ground detectors	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apsaratus.
Gyrating fans	7061	No.	Electric fans.
Hair clippers, electric	7040	No.	Motors under 1 horsepower.
Hair dryers	7070	No.	Motor-driven household devices.
Half-strain ears	7098	.....	Other wiring supplies and line materials.
Hammers, electric	7050	No.	Portable electric tools.
Hanger clamps	7098	.....	Do.
Hangers, cable	7098	.....	Do.
Harmonic analyzers	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Headlight turbine sets (locomotive)	7007	No.	Steam-turbine generator sets.
Headlights, electric	7067	No.	Searchlights and projectors.
Head sets	7080	.....	Radio receiving-set accessories.
Heat coils	7087	Lb.	Other telephone equipment.
Heaters, air	7072	No.	Domestic heating and cooking devices.
Heaters, auto engines	7072	No.	Do.
Heaters, bayonet immersion	7074	No.	Industrial electric furnaces and ovens.
Heaters, coffee urns	7072	No.	Domestic heating and cooking devices.
Heaters, disk immersion	7072	No.	Do.
Heaters, metal pattern plate	7074	No.	Industrial electric furnaces and ovens.
Heaters, oven type	7074	No.	Do.
Heaters, space	7074	No.	Do.
Heaters, steel clad	7704	No.	Do.
Hi-voltage rubber tape	2084	Lb.	Rubber and friction tape.
Home lighting plants	7015	No.	Self-contained lighting outfits.
Horns, electric	7099	.....	Bells, buzzers, annunciators, and alarms.
Hospital signal equipment, electric	7089	.....	Do.

Terms appearing on declaration	Class No.	Unit of quantity	Appearing in Government statistics under—
Hot plates	7072	No.	Domestic heating and cooking devices.
Hot tables	7074	No.	Industrial electric furnaces and ovens.
Hotel toasters and other appliances	7074	No.	Do.
Household irons	7072	No.	Domestic heating and cooking devices.
Immersion heaters, bayonet	7074	No.	Industrial electric furnaces and ovens.
Immersion heaters, disk	7072	No.	Domestic heating and cooking devices.
Impulse gaps	7039	No.	Lightning arresters, choke coils, and other power protective devices.
Induction coils, telephone	7087	Lb.	Other telephone equipment.
Induction coils, vibrating	7075	———	Therapeutic apparatus, X-ray machines, galvanic and faradic batteries, etc.
Induction feeder voltage regulators	7024	No.	Other transformers.
Industrial locomotives	7045	No.	Electric locomotives, mining and industrial.
Instrument transformers	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Instruments, telegraph	7081	———	Telegraph apparatus.
Insulating compound	7093	Lb.	Insulating material.
Insulating oils	5031	Gal.	Insulating or transformer oils.
Insulation testing equipment	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Insulator pins	7098	———	Other wiring supplies and line material.
Insulators, bus type	5314	Lb.	Electrical porcelain for less than 6,600 volts.
Do	5315	Lb.	Electrical porcelain for 6,600 volts and over.
Insulators, composition	7098	———	Other wiring supplies and line material.
Insulators, glass	5292	Lb.	Electrical glassware, except for lighting.
Insulators, knob	5314	Lb.	Electrical porcelain for less than 6,600 volts.
Insulators, porcelain	5314	Lb.	Do.
Do	5315	Lb.	Electrical porcelain for 6,600 volts and over.
Insulators, section	7098	———	Other wiring supplies and line material.
Insulators, strain (composition)	7098	———	Do.
Insulators, strain (porcelain)	5314	Lb.	Electrical porcelain for less than 6,600 volts.
Do	5315	Lb.	Electrical porcelain for 6,600 volts and over.
Insulators, strain (wood)	7098	———	Other wiring supplies and line material.
Insulators, wooden, strain	7098	———	Do.
Ironing machines	7070	No.	Motor-driven household devices.
Irons, curling	7072	No.	Domestic heating and cooking devices.
Irons, household	7072	No.	Do.
Irons, laundry	7072	No.	Do.
Irons, tailors'	7072	No.	Do.
Irons, travelers'	7072	No.	Do.
Irons, waffle	7072	No.	Do.
Jacks, radio	7079	———	Radio receiving-set components.
Jacks, telephone	7087	Lb.	Other telephone equipment.
Knife switches 10 amperes and less	7096	No.	Sockets, receptacles, and lighting switches.
Knife switches for more than 10 amperes	7033	No.	Switches and circuit breakers above 10 amperes.
Knob insulators	5314	Lb.	Electrical porcelain for less than 6,600 volts.
Knockdown sets complete	7078	No.	Radio receiving sets.
Lamp brackets	7097	———	Electric lighting fixtures, interior and street.
Lamp caps	7087	Lb.	Other telephone equipment.
Lamp indicators	7031	No.	Switchboard panels, except telephone.
Lamp shades (glass)	5261	Lb.	Globes and shades for lighting fixtures.
Lamp shades (metal)	7097	———	Electric lighting fixtures, interior and street.
Lamp sockets	7096	No.	Sockets, receptacles, and lighting switches.
Lamps, arc	7065	No.	Other electric lamps.
Lamps, carbon filament	7065	No.	Do.
Lamps, metal filament	7064	No.	Electric lamps, incandescent metal filament.
Lamps, mine (battery)	7066	No.	Flash lights.
Lamps, other electric	7065	No.	Other electric lamps.
Laundry irons	7072	No.	Domestic heating and cooking devices.
Letters, sign	7099	———	Other electrical apparatus, n. e. s.
Lighting fixtures:			
Commercial	7097	———	Electric lighting fixtures, interior and street.
Home	7097	———	Do.
Industrial	7097	———	Do.
Street	7097	———	Do.
Lightning arrester oil	5031	Gal.	Insulating or transformer oil.
Lightning arresters, power	7039	No.	Lightning arresters, choke coils, and other power protective devices.
Lightning arresters, radio	7080	———	Radio receiving-set accessories.
Line junction boxes	7094	Lb.	Metal conduit, outlet and switch boxes.
Line section switches	7033	No.	Switches and circuit breakers above 10 amperes.
Link fuses	7034	No.	Fuses and fuse blocks.
Locomotive headlight turbine sets	7007	No.	Steam-turbine generator sets.
Locomotives, battery	7045	No.	Electric locomotives, mining and industrial.
Locomotives, mine and industrial	7045	No.	Do.
Locomotives, railway	7044	No.	Electric locomotives, railway.
Loop serials	7080	———	Radio receiving-set accessories.
Loud speaker units	7080	———	Do.
Loud speakers	7080	———	Do.
Luminous radiators	7072	No.	Domestic heating and cooking devices.
Magnet chargers	7099	———	Other electrical apparatus, n. e. s.
Magnetos	7090	———	Spark plugs, magnetos, and other ignition apparatus.

Terms appearing on declaration	Class No.	Unit of quantity	Appearing in Government statistics under—
Magnetos, telephone	7087	Lb.	Other telephone equipment.
Magnets, lifting	7099	———	Other electrical apparatus, n. e. s.
Magnets, permanent	7099	———	Do.
Mantel luminious radiators	7072	No.	Domestic heating and cooking devices.
Mercury rectifiers	7029	No.	Rectifiers, double-current and motor generators, dynamotors, synchronous and other converters.
Metal pattern-plate heaters	7074	No.	Industrial electric furnaces and ovens.
Metallic flame arc lamps	7065	No.	Other electric lamps.
Meter houses	7031	No.	Switchboard panels, except telephone.
Metering panel boards	7031	No.	Do.
Meters, message register	7087	Lb.	Other telephone equipment.
Meters, other testing	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Meters, Wheatstone bridge	7038	No.	Do.
Mica insulation	7093	Lb.	Insulating material.
Micarta	7093	Lb.	Do.
Microphones	7076	———	Radio transmitting sets and parts.
Mine locomotives	7045	No.	Electric locomotives, mining and industrial.
Mixers, drink	7070	No.	Motor-driven household devices.
Modulating tubes	7078	No.	Radio tubes.
Molding, metal	7094	Lb.	Metal conduit, outlet and switch boxes.
Motion-picture machines	9121	No.	Projection apparatus, motion-picture machines.
Motor accessories	7055	———	Accessories and parts for motors.
Motor connection boxes	7094	Lb.	Metal conduit, outlet and switch boxes.
Motor-driven industrial devices (less than 1 horsepower)	7040	No.	Motors under 1 horsepower.
Motor generators	7029	No.	Rectifiers, double-current and motor generators, dynamotors, synchronous and other converters.
Motor starters, industrial	7048	———	Starting and controlling equipment, industrial motors.
Motors, fractional horsepower	7040	No.	Motors under 1 horsepower.
Motors 1 to 200 horsepower, A. C. and D. C.	7041	No.	Stationary motors 1 to 200 horsepower.
Motors over 200 horsepower, A. C. and D. C.	7042	No.	Stationary motors over 200 horsepower.
Motors, railway	7043	No.	Railway motors.
Motors, sewing machine	7040	No.	Motors under 1 horsepower.
Motors, utility	7040	No.	Do.
Mountings, radio, coil	7079	———	Radio receiving-set components.
Mouthpieces, telephone	7087	Lb.	Other telephone equipment.
Moving-coil regulators	7024	No.	Other transformers.
Muffle furnaces, electric	7074	No.	Industrial electric furnaces and ovens.
Multiple street hood bodies	7097	———	Electric lighting fixtures, interior and street.
Multiple unit control apparatus	7049	———	Starting and controlling equipment, electric railways and vehicles.
Oil, circuit breaker, condenser, insulating, lightning arrester, and transformer	5031	Gal.	Insulating or transformer oils.
Oil circuit breakers	7033	No.	Switches and circuit breakers above 10 amperes.
Oil drying and purifying outfits	7024	No.	Other transformers.
Oil-testing cups	7099	———	Other electrical apparatus, n. e. s.
Oven heaters	7074	No.	Industrial electric furnaces and ovens.
Ovens, domestic	7072	No.	Domestic heating and cooking devices.
Ovens, industrial, electric	7074	No.	Industrial electric furnaces and ovens.
Overload relays	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Pads, warming	7072	No.	Domestic heating and cooking devices.
Paints and varnishes, insulating	7093	Lb.	Insulating material.
Panel boards, except telephone	7031	No.	Switchboard panels, except telephone.
Panels, control	7031	No.	Do.
Panels, except telephone	7031	No.	Do.
Panels, radio	7079	———	Radio receiving-set components.
Panels, switchboard	7031	No.	Do.
Paper, insulating	7093	Lb.	Insulating material.
Percolators, coffee	7072	No.	Domestic heating and cooking devices.
Photometers	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Pins, insulator	7098	———	Other wiring supplies and fixtures.
Plants, farm lighting	7015	No.	Self-contained lighting outfits.
Plants, home lighting	7015	No.	Do.
Plants, portable electric	7015	No.	Do.
Plates for storage batteries [1]	7018	No.	Batteries, storage.
Plugs and receptacles	7096	No.	Sockets, receptacles, and lighting switches.
Plugs, radio	7080	———	Radio receiving-set accessories.
Plugs, spark	7090	———	Spark plugs, magnetos, and other ignition apparatus.
Plugs, telephone	7087	Lb.	Other telephone equipment.
Pole changers	7087	Lb.	Do.
Portable lamps	7097	———	Electric lighting fixtures, interior and street.

[1] Shipments of storage batteries abroad for local assembly should show the equivalent number of cells; otherwise they will be classified under No. 7099.

Terms appearing on declaration	Class No.	Unit of quantity	Appearing in Government statistics under—
Portable testing outfits	7024	No.	Other transformers.
Portables, electric	7097	----	Electric lighting fixtures, interior and street.
Posts, electric lighting	7097	----	Do.
Pot heads, power cable	7099	----	Other electrical apparatus, n. e. s.
Pot heads, telephone cable	7087	Lb.	Other telephone equipment.
Potential transformers	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Potentiometers	7038	No.	Do.
Potentiometers, radio	7079	----	Radio receiving-set components.
Projection apparatus for motion pictures, electric.	9121	No.	Projection apparatus, motion-picture machines.
Projectors	7067	No.	Searchlights and projectors.
Protectors, telephone	7087	Lb.	Other telephone equipment.
Protectors, mountings for	7087	Lb.	Do.
Push-button control apparatus	7048	----	Starting and controlling apparatus, industrial motors.
Push-button switches	7096	No.	Sockets, receptacles, and lighting switches.
Push buttons, bell	7089	----	Bells, buzzers, annunciators, and alarms.
Radiators, electric	7072	No.	Domestic heating and cooking devices.
Radio:			
Aerial lead-ins	7080	----	Radio receiving-set accessories.
Amplifier units	7077	No.	Radio receiving sets.
Amplifying tubes	7078	No.	Radio tubes.
Battery eliminators	7080	----	Radio receiving-set accessories.
Battery switches	7079	----	Radio receiving-set components.
Binding posts	7079	----	Do.
Broadcasting apparatus	7076	----	Radio transmitting sets and parts.
Coil mountings	7079	----	Radio receiving-set components.
Condensers	7079	----	Do.
Crystals and mountings	7079	----	Do.
Detector tubes	7078	No.	Radio tubes.
Dials	7079	----	Radio receiving-set components.
Grid leaks	7079	----	Do.
Ground clamps	7080	----	Radio receiving-set accessories.
Head sets	7080	----	Do.
Jacks	7079	----	Radio receiving-set components.
Kits	7079	----	Do.
Knockdown sets	7079	----	Do.
Lightning arresters	7080	----	Radio receiving-set accessories.
Loop aerials	7080	----	Do.
Loud speakers	7080	----	Do.
Loud-speaker units	7080	----	Do.
Microphones	7076	----	Radio transmitting sets and parts.
Modulating tubes	7078	No.	Radio tubes.
Panels	7079	----	Radio receiving-set components.
Plugs	7080	----	Radio receiving-set accessories.
Potentiometers	7079	----	Radio receiving-set components.
Receiving sets, complete	7077	No.	Radio receiving sets.
Rectifying tubes	7078	No.	Radio tubes.
Resistance units	7079	----	Radio receiving-set components.
Rheostats	7079	----	Do.
Sending sets	7076	----	Radio transmitting sets and parts.
Socket adapters	7079	----	Radio receiving-set components.
Sockets	7079	----	Do.
Telephone sending apparatus	7076	----	Radio transmitting sets and parts.
Terminals	7079	----	Radio receiving-set components.
Transformers	7079	----	Do.
Transmitting sets	7076	----	Radio transmitting sets and parts.
Transmitting tubes	7078	No.	Radio tubes.
Tube reactivators	7080	----	Radio receiving-set accessories.
Tuning coils	7079	----	Radio-receiving-set components.
Variocouplers	7079	----	Do.
Variometers	7079	----	Do.
Wave traps	7080	----	Radio receiving-set accessories.
Wireless telegraphy transmitting apparatus.	7076	----	Radio transmitting sets and parts.
Other radio receiving-set components.	7079	----	Radio receiving-set components.
Other radio receiving-set accessories.	7080	----	Radio receiving-set accessories.
Rail bonds	6425	Lb.	Copper wire (bare).
Railway coach-lighting sets, electric	7001	No.	Generators, direct current, under 500 kilowatts.
Railway controllers	7049	----	Starting and controlling equipment, electric railways and vehicles.
Railway locomotives, electric	7044	No.	Electric locomotives, railway.
Railway motors	7043	No.	Railway motors.
Railway signal equipment	7088	----	Railway signals, switches, and attachments.
Ranges, electric	7072	No.	Domestic heating and cooking devices.
Reactance-coil regulators	7024	No.	Other transformers.
Reactance coils	7039	No.	Lightning arresters, choke coils, and other power protective devices.
Reactors, current limiting	7024	No.	Other transformers.
Reamers, electric	7060	No.	Portable electric tools.

Terms appearing on declaration	Class No.	Unit of quantity	Appearing in Government statistics under—
Receivers, telephone	7087	Lb.	Other telephone equipment.
Receiving sets, complete	7077	No.	Radio receiving sets.
Receptacles	7096	No.	Sockets, receptacles, and lighting switches.
Rectifier bulbs	7029	No.	Rectifiers, double-current and motor generators, dynamotors, synchronous and other converters.
Rectifier outfits	7029	No.	Do.
Rectifying tubes	7078	No.	Radio tubes.
Reflectors	7097	----	Electric lighting fixtures, interior and street.
Refrigerators, electric	9845	No.	Refrigerators.
Regulating transformers	7024	No.	Other transformers.
Regulators, electric temperature	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Regulators, generator voltage	7031	No.	Switchboard panels, except telephone.
Relays	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Remote control apparatus	7048	----	Starting and controlling equipment, industrial motors.
Renewal parts for generators	7009	----	Accessories and parts for generators.
Renewal parts for motors	7055	----	Accessories and parts for motors.
Repair parts for generators	7009	----	Accessories and parts for generators.
Repair parts for motors	7055	----	Accessories and parts for motors.
Repeaters, telegraph	7081	----	Telegraph apparatus.
Repeaters, telephone	7087	Lb.	Other telephone equipment.
Resistors	7048	----	Starting and controlling equipment, industrial motors.
Rheostats, other	7048	----	Do.
Rheostats, radio	7079	----	Radio receiving-set components.
Ringers, telephone	7087	Lb.	Other telephone equipment.
Riveters, electric	7050	No.	Portable electric tools.
Roof bushings	5314	Lb.	See under Bushings.
Do	5315	Lb.	Do.
Rosettes	7098	----	Other wiring supplies and line material.
Rotary condensers under 2,000 K. V. A.	7005	No.	Generators, alternating current, under 2,000 kilovolt amperes.
Rotary condensers 2,000 K. V. A. and over.	7006	No.	Generators, alternating current, 2,000 kilovolt amperes and over.
Rotary converters	7029	No.	Rectifiers, double-current and motor generators, dynamotors, synchronous and other converters.
Rubber, hard, sheets	2052	Lb.	Electrical hard-rubber goods.
Rubber, hard, washers, etc	2052	Lb.	Do.
Rubber and insulating tape	2094	Lb.	Rubber and friction tape.
Safety coils	7024	No.	Other transformers.
Scorching pens	7099	----	Other electrical apparatus, n. e. s.
Screw drivers, electric	7050	No.	Portable electric tools.
Searchlights	7067	No.	Searchlight and projectors.
Section insulators	7098	----	Other wiring supplies and line material.
Sending sets	7076	----	Radio transmitting sets and parts.
Series street hood bodies	7097	----	Electric lighting fixtures, interior and street.
Service boxes	7094	Lb.	Metal conduit, outlet and switch boxes.
Shades, glass	5261	Lb.	Globes and shades for lighting fixtures.
Shades, metal	7097	----	Electric lighting fixtures, interior and street.
Signals, factory and office	7089	----	Bells, buzzers, annunciators, and alarms.
Signs, electric	7099	----	Other electrical apparatus, n. e. s.
Sleeving, fabric	7093	Lb.	Insulating material.
Sleeving, paper	7093	Lb.	Do.
Socket adapters, radio	7079	----	Radio receiving-set components.
Socket adjuster transformers	7024	No.	Other transformers.
Socket reducers	7096	No.	Sockets, receptacles, and lighting switches.
Sockets, lighting	7096	No.	Do.
Sockets, radio	7079	----	Radio receiving-set components.
Solder pots	7074	No.	Industrial electric furnaces and ovens.
Solderless connectors	7098	----	Other wiring supplies and line material.
Solenoids	7099	----	Other electrical apparatus, n. e. s.
Space heaters	7074	No.	Industrial electric furnaces and ovens.
Spare parts for generators	7009	----	Accessories and parts for generators.
Spare parts for motors	7055	----	Accessories and parts for motors.
Splicers	7098	----	Other wiring supplies and line material.
Splicing compound	7093	Lb.	Insulating material.
Splicing ears	7098	----	Other wiring supplies and line material.
Splicing sleeves	7098	----	Do.
Spot lights	7067	No.	Searchlights and projectors.
Static condensers	7029	No.	Rectifiers, double-current and motor generators, dynamotors, synchronous and other converters
Steam-turbine generator sets	7007	No.	Steam-turbine generator sets.
Steam turbines	7113	No.	Mechanical-drive turbines.
Steel-clad heaters	7074	No.	Industrial electric furnaces and ovens.
Strain ears	7098	----	Other wiring supplies and line material.
Street hoods	7097	----	Electric lighting fixtures, interior and street
Switchboards, except telephone (unit of quantity, number of panels).	7031	No.	Switchboard panels, except telephones.

Terms appearing on declaration	Class No.	Unit of quantity	Appearing in Government statistics under—
Switchboards, telephone, C. B., manual	7086	No.	Telephone switchboards.
Switchboards, telephone, C. B., mechanical	7086	No.	Do.
Switchboards, telephone, C. B., semi-mechanical	7086	No.	Do.
Switchboards, telephone, magneto	7086	No.	Do.
Switchboards, telephone P. B. X.—C. B., manual	7086	No.	Do.
Switchboards, telephone P. B. X.—C. B., mechanical	7086	No.	Do.
Switchboards, telephone testing	7086	No.	Do.
Switch boxes	7094	Lb.	Metal conduit, outlet and switch boxes.
Switch cabinets	7094	Lb.	Do.
Switch houses	7031	No.	Switchboard panels, except telephone.
Switches, battery	7096	No.	Sockets, receptacles, and lighting switches.
Switches, radio battery	7079	------	Radio receiving-set components.
Switches, disconnecting	7033	No.	Switches and circuit breakers above 10 amperes.
Switches, knife, of less than 10 amperes capacity	7096	No.	Sockets, receptacles, and lighting switches.
Switches, knife, above 10 amperes	7033	No.	Switches and circuit breakers above 10 amperes.
Switches, oil break	7033	No.	Do.
Switches, push button	7096	No.	Sockets, receptacles, and lighting switches.
Switches, snap	7096	No.	Do.
Switches, time	7033	No.	Switches and circuit breakers above 10 amperes.
Switches, toggle	7096	No.	Sockets, receptacles, and lighting switches.
Switches, tumbler	7096	No.	Do.
Synchronous condensers under 2,000 K. V. A.	7005	No.	Generators, alternating-current, under 2,000 kilovolt amperes.
Synchronous condensers 2,000 K. V. A. and over	7006	No.	Generators, alternating-current, 2,000 kilovolt amperes and over.
Synchronous converters	7029	No.	Rectifiers, double-current and motor generators, dynamotors, synchronous and other converters.
Synchronous motors 1 to 200 horsepower	7041	No.	Stationary motors 1 to 200 horsepower.
Synchronous motors 200 horsepower and over	7042	No.	Stationary motors 200 horsepower and over.
Synchroscopes	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Tables, hot	7074	No.	Industrial electric furnaces and ovens.
Tailors' irons	7072	No.	Domestic heating and cooking devices.
Tampers, electric	7050	No.	Portable electric tools.
Tape, friction, hi-voltage rubber and rubberized insulating	2084	Lb.	Rubber and friction tape.
Teakettles	7072	No.	Domestic heating and cooking devices.
Telegraph apparatus, except radio	7081	------	Telegraph apparatus.
Telephone cable	6426	Lb.	Insulated copper wire and cable.
Telephone wire, insulated, iron	6088	Lb.	Insulated iron or steel wire and cable.
Telephones, automatic	7083	No.	Other telephones.
Telephones, C. B.	7083	No.	Do.
Telephones, magneto	7082	No.	Magneto telephones.
Temperature indicators	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Thermostats	7038	No.	Do.
Time switches	7033	No.	Switches and circuit breakers above 10 amperes.
Tips, cord	7087	Lb.	Other telephone equipment.
Toaster stoves	7072	No.	Domestic heating and cooking devices.
Toasters, domestic	7072	No.	Do.
Tools, portable, electric	7050	No.	Portable electric tools.
Toys, electric	9419	Lb.	Other toys.
Train-line junction boxes	7094	Lb.	Metal conduit, outlet and switch boxes.
Train-line receptacles	7098	------	Other wiring supplies and line material.
Transformer oil	5031	Gal.	Insulating or transformer oils.
Transformers, power:			
500 K. V. A. and smaller	7024	No.	Other transformers.
Over 500 K. V. A.	7021	No.	Power transformers.
Transformers, special types:			
Bell ringing	7089	------	Bells, buzzers, annunciators, and alarms.
Current	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Instrument	7038	No.	Do.
Potential	7038	No.	Do.
Radio	7079	------	Radio receiving-set components.
Voltage	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Transmitters	7087	Lb.	Other telephone equipment.
Transmitting sets	7076	------	Radio transmitting sets and parts.
Transmitting tubes	7078	No.	Radio tubes.
Treated cloth	7093	Lb.	Insulating material.
Treated paper	7093	Lb.	Do.
Trolley brackets	7098	------	Other wiring supplies and line material.
Trolley ears	7098	------	Do.
Trolley frogs	7098	------	Do.

Terms appearing on declaration	Class No.	Unit of quantity	Appearing in Government statistics under—
Trolley protecting armor	7098	------	Other wiring supplies and line material.
Trolley-wire chuck	7098	------	Do.
Trolley wire, copper	6425	Lb.	Copper wire (bare).
Trolley-wire spliicers	7098	------	Other wiring supplies and line material.
Trucks, electric:			
Station	7935	No.	Station and warehouse motor trucks.
Baggage	7935	No.	Do.
Tube furnaces, electric	7074	No.	Industrial electric furnaces and ovens.
Tubes, porcelain	5314	Lb.	See under Bushings.
Do	5315	Lb.	Do.
Tubes, other than porcelain	7093	Lb.	Insulating material.
Tube reactivators	7080	------	Radio receiving-set accessories.
Tubes, vacuum, radio	7078	No.	Radio tubes.
Tungsten wire	6233	Lb.	Ferrotungsten metal and wire.
Turbine generator sets, steam	7007	No.	Steam-turbine generator sets.
Turbines, steam	7113	No.	Mechanical-drive turbines.
Untreated cloth	7093	Lb.	Insulating material.
Untreated paper	7093	Lb.	Do.
Urns, coffee, electric	7072	No.	Domestic heating and cooking devices.
Vacuum cleaners, electric	7070	No.	Motor-driven household devices.
Variocouplers	7079	------	Radio receiving-set components.
Variometers	7079	------	Do.
Varnishes, insulating	7093	Lb.	Insulating material.
Vibrators, massage, electric	7070	No.	Motor-driven household devices.
Voltage regulators, feeder	7024	No.	Other transformers.
Voltage regulators, generator	7031	No.	Switchboard panels, except telephone.
Voltage transformers	7038	No.	Volt, watt, and ampere meters and other recording, indicating, and testing apparatus.
Voltmeters	7038	No.	Do.
Vulcanizers, electric	7074	No.	Industrial electric furnaces and ovens.
Waffle irons	7072	No.	Domestic heating and cooking devices.
Washing machines, electric	7735	No.	Domestic washing machines.
Water heaters	7072	No.	Domestic heating and cooking devices.
Water heaters, faucet type	7072	No.	Do.
Watt-hour meters	7036	No.	Watt-hour and other measuring meters.
Welding equipment	7001	No.	Generators, direct-current, under 500 kilowatts.
Wire and cable (see also Cable):			
Aluminum	6309	Lb.	Other manufactures of aluminum.
Aluminum, steel cored	6309	Lb.	Do.
Annunciator	6426	Lb.	Insulated copper wire and cable.
Armored (copper)	6426	Lb.	Do.
Banding	6081	Lb.	Plain iron or steel wire.
Copper, bare	6425	Lb.	Copper wire (bare).
Copper clad, bare	6425	Lb.	Do.
Enameled copper	6426	Lb.	Insulated copper wire and cable.
Insulated, copper steel	6426	Lb.	Do.
Insulated, distributing frame	6426	Lb.	Do.
Insulated, flame proof	6426	Lb.	Do.
Insulated, magnet and annunciator	6426	Lb.	Do.
Insulated, rubber covered	6426	Lb.	Do.
Insulated with any kind of material	6426	Lb.	Do.
Lead covered, copper	6426	Lb.	Do.
Magnet, copper	6426	Lb.	Do.
Resistance, alloy	6991	Lb.	Other manufactures of metal and metal composition, n. e. s.
Rubber covered, copper	6426	Lb.	Insulated copper wire and cable.
Steel, copper clad	6425	Lb.	Copper wire (bare).
Telephone, copper, insulated	6426	Lb.	Insulated copper wire and cable.
Telephone, iron, insulated	6088	Lb.	Insulated iron and steel wire and cable.
Tungsten	6233	Lb.	Ferrotungsten metal and wire.
Weather proof, copper	6426	Lb.	Insulated copper wire and cable.
Wireless telegraph transmitting apparatus	7076	------	Radio transmitting sets and parts.
X-ray machines and tubes	7075	------	Therapeutic apparatus, X-ray machines, galvanic and faradic batteries, etc.
Zincs, battery	6849	Lb.	Other zinc manufactures.

ARTICLES LISTED BY CLASSES

[Abbreviation n. e. s. means not elsewhere specified]

Class No.

2052. ELECTRICAL HARD-RUBBER GOODS:
Battery jars, rubber.
Rubber, bard, sheets.
Rubber, bard, washers, etc.

2084. RUBBER AND FRICTION TAPE:
Friction tape.
Hi-voltage rubber tape.
Rubberized insulating tape.

5031. INSULATING OR TRANSFORMER OILS:
Circuit breaker oil.
Condenser oil.
Insulating oils.
Lightning arrestor oil.
Transformer oil.

5261. GLOBES AND SHADES FOR LIGHTING FIXTURES:
Bowls, opal and etched.
Globes, ball.
Lamp shades (glass).
Shades, glass.

5292. ELECTRICAL GLASSWARE, EXCEPT FOR LIGHTING:
Battery jars, glass.
Glassware, electrical.
Insulators, glass.

5314. ELECTRICAL PORCELAIN FOR LESS THAN 6,600 VOLTS:
Bushings, entrance.
Bushings floor.,
Busbings, porcelain.
Bushings, roof.
Busbings, wall.
Cleats.
Feed-wire insulators.
Feeder-tap insulators.
Feeder-tap supports.
Floor bushings.
Floor tubes.
Insulators, bus type.
Insulators, knob.
Insulators, porcelain.
Insulators, strain (porcelain).
Knob insulators.
Roof bushings.
Tubes, porcelain.

5315. ELECTRICAL PORCELAIN FOR 6,600 VOLTS AND OVER:
Bushings, entrance.
Bushings, floor.
Bushings, porcelain.
Busbings, roof.
Busbings, wall.
Feed-wire insulators.
Feeder-tap insulators.
Feeder-tap supports.
Floor bushings.
Floor tubes.
Insulators, bus type.
Insulators, porcelain.
Insulators, strain (porcelain).
Roof bushings.
Tubes, porcelain.

5460. ELECTRODES FOR ELECTRIC FURNACES:
Electric-furnace electrodes.

5461. OTHER CARBON PRODUCTS:
Arc lamp carbons.
Battery carbons.
Brushes for generators.
Brushes for motors.

Class No.

6081. PLAIN IRON OR STEEL WIRE:
Wire, banding.

6088. INSULATED IRON OR STEEL WIRE AND CABLE:
Cable, insulated, iron or steel.
Telephone wire, iron, insulated.

6233. FERROTUNGSTEN METAL AND WIRE:
Tungsten wire.
Wire, tungsten.

6309. OTHER MANUFACTURES OF ALUMINUM:
Aluminum fuse wire.
Cable, aluminum.
Wire and cable, aluminum.
Wire and cable, aluminum, steel cored

6425. COPPER WIRE (BARE):
Bonding sleeves.
Bonds.
Cable, copper.
Copper trolley wire.
Copper-clad steel wire.
Rail bonds.
Trolley wire, copper.
Wire, copper.

6426. INSULATED COPPER WIRE AND CABLE:
Cable, insulated, copper (all classes and types, including lead-covered and armored).
Cords, receiver.
Cords, switchboard.
Telephone cable.
Wire and cable, annunciator.
Wire and cable, armored (copper).
Wire and cable, insulated, lead covered.
Wire, enameled copper.
Wire, insulated, copper steel.
Wire, insulated, distributing frame.
Wire, insulated, flame proof.
Wire, insulated, magnet and annunciator
Wire, insulated, rubber covered
Wire, magnet, copper.
Wire, rubber covered, copper.
Wire, telephone, copper, insulated.
Wire, weatherproof, copper.

6849. OTHER ZINC MANUFACTURES:
Zincs, battery.

6991. OTHER MANUFACTURES OF METAL AND METAL COMPOSITIONS, N. E. S.:
Alloy fuse ribbon.
Alloy fuse wire.
Wire, resistance, alloy.

7001. GENERATORS, DIRECT CURRENT, UNDER 50 KILOWATTS:
Arc welding equipment.
Generators, battery charging.
Generators, direct current.
Generators, railway coach lighting.
Railway coach-lighting sets.
Welding equipment.

7002. GENERATORS, DIRECT CURRENT, 500 KILOWATTS AND OVER:
Generators, direct current.

7005. GENERATORS, ALTERNATING CURRENT, UNDER 2,000 KILOVOLT AMPERES:
Alternating-current generators.
Generators, alternating current.
Rotary condensers.
Synchronous condensers.

Class No.

7006. GENERATORS, ALTERNATING CURRENT, 2,000 KILOVOLT AMPERES AND OVER:
Alternating-current generators.
Generators, alternating current.
Rotary condensers.
Synchronous condensers.

7007. STEAM-TURBINE GENERATOR SETS:
Complete steam-turbine generating sets.
Locomotive headlight turbine sets.

7009. ACCESSORIES AND PARTS FOR GENERATORS:
Armatures for generators.
Armature coils for generators.
Bearings for generators.
Coils, armature, for generators.
Coils, field, for generators.
Field coils for generators.
Renewal parts for generators.
Repair parts for generators.
Spare parts for generators.

7015. SELF-CONTAINED LIGHTING OUTFITS:
Farm lighting outfits.
Plants, farm ligbting.
Plants, portable electric.
Plants, home lighting.

7016. BATTERIES, FLASH LIGHT:
Batteries, flasb ligbt.
Flash-light batteries.

7017. BATTERIES, OTHER PRIMARY BATTERIES:
Batteries, dry cell, except flash ligbt.
Batteries, wet cell.

7018. BATTERIES, STORAGE:
Batteries, storage.
Plates for storage batteries. (See alphabetical index.)

7021. POWER TRANSFORMERS:
Transformers over 500 kilovolt amperes.

7024. OTHER TRANSFORMERS:
Balance coils.
Coils, balance.
Constant-current regulators.
Current-limiting reactors.
Distribution transformers, 500 kilovolt amperes and smaller.
Feeder voltage regulators.
Induction feeder voltage regulators.
Moving-coil regulators.
Oil drying and purifying outfits.
Portable testing outfits.
Reactance-coil regulators.
Reactors, current limiting.
Regulating transformers.
Safety coils.
Socket adjuster transformers.
Transformers, 500 kilovolt amperes and smaller.
Voltage regulators, feeder.

7029. RECTIFIERS, DOUBLE-CURRENT AND MOTOR GENERATORS, DYNAMOTORS, SYNCHRONOUS AND OTHER CONVERTERS:
Battery chargers.
Bulbs, rectifier.
Condensers, static.
Converters, synchronous.
Frequency changers.
Mercury rectifiers.
Motor generators.
Rectifier bulbs.
Rectifier outfits.
Rotary converters.
Static condensers.
Synchronous converters.

Class No.

7031. SWITCHBOARD PANELS, EXCEPT TELEPHONE:
Arc welding panels.
Battery-charging panels.
Battery-charging switchboards.
Car lighting panels
Control desks.
Control panels.
Desks, control.
Feeder panels.
Fuse panels.
Generator panels.
Lamp indicators.
Meter bouses.
Metering panel boards.
Panel boards.
Panels.
Panels, control.
Panels, switchboard.
Regulators, voltage.
Switchboards.
Switcb bouses.
Voltage regulators, generator.

7033. SWITCHES AND CIRCUIT BREAKERS ABOVE 10 AMPERES:
Automatic time switches.
Carbon circuit breakers.
Car type circuit breakers.
Circuit breakers.
Coils, magnet.
Cut-outs, primary.
Disconnecting switches.
Feeder switcbes.
Knife switcbes over 10 amperes.
Line-section switcbes.
Oil-circuit breakers.
Switcbes, disconnecting.
Switcbes, knife, over 10 amperes
Switcbes, oil break.
Switcbes, time.
Time switcbes.

7034. FUSES AND FUSE BLOCKS:
Cut-outs, interior.
Enclosed fuse blocks.
Enclosed fuses.
Expulsion type fuse blocks.
Fuse blocks.
Fuse bolders.
Fuses, battery supply.
Fuses, cartridge.
Fuses, link.
Fuses, plug.
Link fuses.

7036. WATT-HOUR AND OTHER MEASURING METERS:
Ampere-bour meters.
Watt-bour meters.

7038. VOLT, WATT, AND AMPERE METERS AND OTHER RECORDING, INDICATING, AND TESTING APPARATUS:
Ammeters.
Analyzers, harmonic.
Armature testing equipment.
Coil-testing equipment.
Controllers, flat rate.
Current limiters.
Current transformers.
Demand meters.
Detectors, ground.
Electric speed indicators.
Electrostatic voltmeters.
Fault localizers.
Foot candle meters.
Frequency meters.
Glow meters.
Graphic meters.
Ground detectors.
Harmonic analyzers.
Instrument transformers.
Insulation testing equipment.
Meters, Wheatstone bridge.
Meters, other testing.

Class No.

7038. VOLT, WATT, AND AMPERE METERS AND OTHER RECORDING, INDICATING, AND TESTING APPARATUS—Continued.
- Overload relays.
- Photometers.
- Potentiometers.
- Regulators, electric temperature.
- Relays.
- Synchroscopes.
- Temperature indicators.
- Thermostats.
- Voltage transformers.
- Voltmeters.

7039. LIGHTNING ARRESTERS, CHOKE COILS, AND OTHER POWER PROTECTIVE DEVICES:
- Arresters, lightning.
- Choke coils.
- Coils, choke.
- Discharge resisters.
- Electrolytic lightning arresters.
- Impulse gaps.
- Lightning arresters.
- Reactance coils.

7040. MOTORS UNDER 1 HORSEPOWER:
- Alternating-current motors.
- Buffing motors.
- Cloth cutters.
- Dental engines.
- Hair clippers, electric.
- Motor-driven industrial devices (less than 1 horsepower).
- Motors, fractional horsepower.
- Motors, sewing machine.
- Motors, utility.

NOTE.—It has been agreed that in all cases where the motor represents the major portion of the cost of the complete apparatus, the shipment should be put in class 7040 or 7041, depending on the horsepower of the motor. In case the remainder of the apparatus is the greater portion of the cost, the shipment shall be classified as shown under the machinery classification. See also class 7050.

7041. STATIONARY MOTORS 1 TO 200 HORSEPOWER:
- Grinding motors.
- Motors, A. C. and D. C.
- Synchronous motors.
- Tools, portable electric.

042 STATIONARY MOTORS OVER 200 HORSEPOWER:
- Motors, A. C. and D. C.
- Synchronous motors.

7043. RAILWAY MOTORS:
- Motors, railway.
- Railway motors.

7044. ELECTRIC LOCOMOTIVES, RAILWAY:
- Locomotives, railway.

7045. MINING AND INDUSTRIAL LOCOMOTIVES:
- Battery locomotives.
- Locomotives, battery.
- Locomotives, mine and industrial.
- Mine locomotives.

7048. STARTING AND CONTROLLING EQUIPMENT INDUSTRIAL MOTORS:
- Controllers, motor.
- Float switches.
- Drum controllers.
- Drum reverse switches.
- Drum type switches.
- Motor starters.
- Push-button control equipment.
- Remote control equipment.
- Resistors.
- Rheostats.

Class No.

7049. STARTING AND CONTROLLING EQUIPMENT, ELECTRIC RAILWAYS AND VEHICLES:
- Automatic control equipment.
- Drum controllers.
- Multiple unit controls.
- Railway controllers.

7050. PORTABLE ELECTRIC TOOLS:
- Drills, electric.
- Grinders, electric.
- Hammers, electric.
- Reamers, electric.
- Riveters, electric.
- Screw drivers, electric.
- Tampers, electric.

7055. ACCESSORIES AND PARTS FOR MOTORS:
- Armatures for motors.
- Armature coils for motors.
- Bearings for motors.
- Coils, armature, for motors.
- Coils, field, for motors.
- Field coils for motors.
- Motor accessories.
- Renewal parts for motors.
- Repair parts for motors.
- Spare parts for motors.

7061. ELECTRIC FANS:
- Ceiling fans.
- Desk fans.
- Fans.
- Gyrating fans.

7064. INCANDESCENT METAL-FILAMENT LAMPS:
- Automobile lamps.
- Lamps, metal filament.

7065. OTHER ELECTRIC LAMPS:
- Arc lamps.
- Arc lamps, flaming.
- Arc lamps, metallic flame.
- Flaming arc lamps.
- Lamps, arc.
- Lamps, carbon filament.
- Lamps, other electric.
- Metallic-flame arc lamps.

7066. FLASH LIGHTS:
- Cases, flash light.
- Flash lights.
- Lamps, mine (battery).

7067. SEARCHLIGHTS AND PROJECTORS:
- Flood lights.
- Headlights, electric.
- Projectors.
- Searchlights.
- Spot lights.

7070. MOTOR-DRIVEN HOUSEHOLD DEVICES:
- Dishwashers.
- Electrically driven ironing machines.
- Electric hair dryers.
- Mixers, drink.
- Vacuum cleaners.
- Vibrators, massage, electric.

7072. DOMESTIC HEATING AND COOKING DEVICES:
- Air heaters.
- Automobile engine heaters.
- Broilers.
- Chafing dishes.
- Cigar lighters.
- Coffee percolators.
- Coffee-urn heaters.
- Curling irons.
- Disk immersion water heaters.
- Disk stoves.
- Frying kettles.
- Griddles.
- Grills.
- Heaters, air.

Class No.

7072. DOMESTIC HEATING AND COOKING DEVICES—Continued.
- Heaters, automobile engine.
- Heaters, coffee-urn.
- Heaters, disk immersion.
- Hot plates.
- Household irons.
- Immersion heaters, disk.
- Irons, curling.
- Irons, household.
- Irons, laundry.
- Irons, tailors'.
- Irons, travelers'.
- Irons, waffle.
- Laundry irons.
- Luminous radiators.
- Mantel luminous radiators.
- Ovens, domestic.
- Pads, warming.
- Percolators, coffee.
- Radiators, electric.
- Ranges, electric.
- Tailors' irons.
- Teakettles.
- Toaster stoves.
- Toasters, domestic.
- Urns, coffee, electric.
- Waffle irons.
- Water heaters.
- Water heaters, faucet type.

7074. INDUSTRIAL ELECTRIC FURNACES AND OVENS:
- Automatic current regulators for electric furnaces.
- Babbitt pots.
- Bake ovens, except domestic.
- Bayonet immersion water heaters.
- Cartridge type heaters.
- Chocolate warmers.
- Crucible furnaces.
- Current regulators for arc furnaces.
- Dry type glue pots.
- Drying ovens.
- Electric furnaces.
- Electric ovens.
- Foot warmers.
- Furnaces, electric.
- Glue pots.
- Heaters, bayonet immersion water.
- Heaters, metal pattern plate.
- Heaters, oven type.
- Heaters, space.
- Heaters, steel clad.
- Hot tables.
- Hotel toasters and other appliances.
- Immersion water heaters, bayonet.
- Metal pattern plate heaters.
- Muffle furnaces, electric.
- Oven heaters.
- Ovens.
- Solder pots.
- Space heaters.
- Steel-clad heaters.
- Tables, hot.
- Tube furnaces, electric.
- Vulcanizers, electric.

7075. THERAPEUTIC APPARATUS, X-RAY MACHINES, GALVANIC AND FARADIC BATTERIES, ETC.:
- Induction coils, vibrating.
- X-ray machines and tubes.

7076. RADIO TRANSMITTING SETS AND PARTS:
- Broadcasting apparatus.
- Microphones.
- Radio telephone sending apparatus.
- Sending sets.
- Transmitting sets.
- Wireless telegraph transmitting apparatus.

7077. RADIO RECEIVING SETS:
- Amplifier units.
- Receiving sets complete

Class No.

7078. RADIO TUBES:
- Amplifying tubes.
- Detector tubes.
- Modulating tubes.
- Rectifying tubes.
- Transmitting tubes.

7079. RADIO RECEIVING-SET COMPONENTS:
- Radio battery switches.
- Radio binding posts.
- Coil mountings.
- Condensers.
- Radio crystals and mountings.
- Dials.
- Grid leaks.
- Radio jacks.
- Radio kits.
- Knockdown sets.
- Radio panels.
- Radio potentiometers.
- Rheostats.
- Radio resistance units.
- Sockets.
- Socket adapters.
- Radio terminals.
- Transformers.
- Tuning coils.
- Variocouplers.
- Variometers.
- Other radio-set components.

7080. RADIO RECEIVING-SET ACCESSORIES:
- Aerial lead-ins.
- Battery eliminators.
- Ground clamps.
- Radio head sets.
- Radio lightning arresters.
- Loud speakers.
- Loud speaker units.
- Loop aerials.
- Radio plugs.
- Radio tube reactivators.
- Wave traps.
- Other radio receiving-set accessories.

7081. TELEGRAPH APPARATUS:
- Instruments, telegraph.
- Repeaters, telegraph.
- Telegraph equipment, except radio.

7082. MAGNETO TELEPHONES:
- Telephones, magneto.

7083. OTHER TELEPHONES:
- Telephones, automatic.
- Telephones, C. B.

7086. TELEPHONE SWITCHBOARDS:
- Switchboards, telephone, magneto.
- Switchboards, telephone, C. B., manual.
- Switchboards, telephone, C. B., mechanical.
- Switchboards, telephone, C. B., semimechanical.
- Switchboards, telephone, P. B. X.—C. B. manual.
- Switchboards, telephone, P. B. X.—C. B. mechanical.
- Switchboards, telephone testing.

7087. OTHER TELEPHONE EQUIPMENT:
- Arms, transmitter.
- Brackets, telephone.
- Changers, pole.
- Coils, induction.
- Coils, repeating.
- Condensers, telephone.
- Desk stands.
- Distributing boxes, protected.
- Distributing boxes, unprotected.
- Fuses, telephone.
- Generators, hand.
- Generators, ringing.
- Heat coils.

Class No.

7087. OTHER TELEPHONE EQUIPMENT—Continued.
Induction coils, telephone.
Jacks, telephone.
Lamp caps.
Magnetos, telephone.
Meters, message, register.
Mouthpieces, telephone.
Plugs, telephone.
Pole changers.
Pot heads, telephone cable.
Protectors, telephone.
Protectors, mountings for.
Receivers, telephone.
Repeaters, telephone.
Ringers, telephone.
Tips, cord.
Transmitters.

7088. RAILWAY SIGNALS, SWITCHES, AND ATTACHMENTS:
Railway signal equipment.

7089. BELLS, BUZZERS, ANNUNCIATORS, AND ALARMS:
Alarms, burglar and fire.
Alarms, tank.
Annunciators.
Bells, electric.
Bell-ringing transformers.
Burglar alarms.
Buzzers, electric.
Calls, carriage.
Carriage calls.
Horns, electric.
Hospital signal equipment, electric.
Push buttons, bell.
Signals, factory and office.

7090. SPARK PLUGS, MAGNETOS, AND OTHER IGNITION APPARATUS:
Blasting sets, electric.
Magnetos.
Plugs, spark.

7093. INSULATING MATERIAL:
Cloth and papers, treated.
Cloth and papers, untreated.
Insulating compounds.
Mica insulation.
Micarta.
Paper, insulating.
Paints and varnishes, insulating.
Sleeving, fabric.
Sleeving, paper.
Splicing compound.
Treated cloth.
Treated papers.
Tubes, other than porcelain.
Untreated cloth.
Untreated papers.
Varnishes, insulating.

7094. METAL CONDUIT, OUTLET AND SWITCH BOXES:
Conduit bushings.
Conduit, interior, metal.
Cut-out boxes.
Fittings, conduit.
Floor boxes.
Fuse boxes.
Line junction boxes.
Molding, metal.
Motor connection boxes.
Service boxes.
Switch boxes.
Switch cabinets.
Train-line junction boxes.

7096. SOCKETS, RECEPTACLES, AND LIGHTING SWITCHES:
Canopy switches.
Lamp sockets.
Plugs and receptacles.
Push-button switches.
Receptacles.

Class No.

7096. SOCKETS, RECEPTACLES, AND LIGHTING SWITCHES—Continued.
Socket reducers.
Sockets.
Switches, battery.
Switches, knife, 10 amperes and less.
Switches, push button.
Switches, snap.
Switches, toggle.
Switches, tumbler.

7097. ELECTRIC LIGHTING FIXTURES, INTERIOR AND STREET:
Adjusters, socket street hood.
Automatic cut-out hangers and reflectors.
Ceiling suspensions.
Crooks, lighting.
Fixtures, lighting.
Gooseknecks.
Lamp brackets.
Lamp shades, metal.
Lighting fixtures, commercial.
Lighting fixtures, home.
Lighting fixtures, industrial.
Lighting fixtures, street.
Multiple street hood bodies.
Portable lamps.
Portables, electric.
Posts, electric lighting.
Reflectors.
Series street hood bodies.
Shades, metal.
Street hoods.

7098. OTHER WIRING SUPPLIES AND LINE MATERIAL:
Adjusters, cord and lamp.
Anchor clamps.
Anchor eyes.
Anchor hangers.
Anchor rods.
Approaches for trolley frogs.
Braces, cross arm.
Brackets, bus bar.
Bus-bar brackets.
Bus-bar clamps.
Bus-bar supports.
Bus-bar terminals.
Cable anchors.
Catenary hangers.
Charging plugs.
Charging receptacles.
Chucks, trolley wire.
Clamp pins.
Clamping bars.
Clamps, cable.
Clamps, ground.
Connector lugs.
Connectors.
Copper terminals.
Copper-tube connectors.
Door openers, electric.
Ears, trolley.
Emergency splicing sleeves.
Feeder clamps.
Feeder ears.
Feeder suspensions.
Fittings, fixture, brass.
Fittings, fixture, iron.
Fixture chains.
Flexible approaches.
Frogs, trolley.
Half-strain ears.
Hanger clamps.
Hangers, cable.
Insulator pins.
Insulators, composition.
Insulators, section.
Insulators, strain (composition).
Insulators, strain (wooden).
Insulators, wooden, strain.
Pins, insulator.
Rosettes.
Section insulators.
Solderless connectors

Class No.

7098. OTHER WIRING SUPPLIES AND LINE MATERIAL—Continued.
Splicers.
Splicing ears.
Splicing sleeves.
Strain ears.
Train-line receptacles.
Trolley brackets.
Trolley ears.
Trolley frogs.
Trolley protecting armor.
Trolley-wire chuck.
Trolley-wire splicers.

7099. OTHER ELECTRICAL APPARATUS, N. E. S.: [1]
Coils, loading.
Coils, trip.
Conduit, interior, nonmetallic.
Conduit, underground, fiber.
Control pedestals.
Control switches (switchboard).
Electric chimes.
Filaments.
Flashers, sign.
Letters, sign.
Magnet chargers.
Magnets, lifting
Magnets, permanent.
Oil-testing cups.
Pot heads, power cable.
Scorching pens.
Signs, electric.
Solenoids.

[1] Generally speaking, all repair parts, renewals, or spares, excepting those for generator, motors, or telephone units, go into this class.

Class No.

7113. MECHANICAL-DRIVE TURBINES:
Steam turbines.
Turbines, steam.

7135. CONDENSERS, HEATERS, AND ACCESSORIES:
(All types of steam condensers—barometric, ejector, jet, and surface.)

7245. ELEVATORS, FREIGHT AND PASSENGER:
Electric elevators.

7735. DOMESTIC WASHING MACHINES:
Washing machines, electric.

7935. STATION AND WAREHOUSE MOTOR TRUCKS:
Electric baggage trucks.
Electric station trucks.

9121. PROJECTION APPARATUS, MOTION PICTURE MACHINES.

9419. OTHER TOYS:
Toys, electric.

9845. REFRIGERATORS:
Electric refrigerators.

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TITLE